Docket No.

292873US0PCT





IN THE UNI

IN RE APPLICATION OF:

Stephane POCAS, et al.

SERIAL NO: 10/584,052

GAU:

FILED:

June 22, 2006

EXAMINER:

FOR:

METHOD OF SEALING TWO PLATES WITH THE FORMATION OF AN OHMIC CONTACT THERE

BETWEEN

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 U.S. DEPARTMENT OF COMMING (Modified) PATENT AND TRADEMARK OF			ATTY DOCKET NO. 292838680PCT		SERIAL NO. 10/584,052				
			-	APPLICANT					
LIST OF	REFE	RENCES CITED BY AP	PLICANT	Stephane POCAS, et al.					
				FILING DATE		GROUP			
				June 22, 2006					
				U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB FILING DATE CLASS IF APPROPRIATE			
	AA	6 274 892	08-14-01	KUB, Francis J. et al.					
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	AL	38 29 906	03-15-90	DE (with English abstract)				NO	
	АМ	43 04 349	08-18-94	DE		-		NO	
	AN								
	AO								
	AP								
·		OTHER RE	:FERENCES (Including Author, Title, Date, Pertinen	it Pages, e	tc.)	'	l	
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Examiner		AUBERTON-HERVE, A	Systems, Vol.	10, No. 1, pgs.131-146, 2000.	Addit		rences	sheet(s) attached	

U.S. PCT Application Serial No: 10/584,052

Filed: June 22, 2006 Stephane POCAS, et al. Docket No. 292873US0PCT

STATEMENT OF RELEVANCY

- 1) References AA, AL and AQ have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AR AU are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References AM, AV AY are additional prior art known to Applicant. A copy of these references is being submitted herewith.

AM: DE 43 04 349

It relates to a method for producing semiconductor components by direct bonding (SDB). The plane surfaces of two parts are polished with a low peak-to-valley roughness (height). A material is subsequently introduced into at least one of the two surfaces and the two surfaces are bonded after surface treatment. At least one of the two polished surfaces is provided by implantation of material with a crystal lattice imperfections, and these surfaces are then bonded. Silicon is preferably be implanted for the purpose of bonding silicon wafers. This method produces a substantially increased adhesion capability (adhesivity) of the bonded surfaces.